

jc825 U.S. PTO  
09/745388  
12/21/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

HUTCHENS and YIP

Application No.: Unassigned

Filed: Herewith

For: RETENTATE  
CHROMATOGRAPHY AND PROTEIN  
CHIP ARRAYS WITH APPLICATIONS  
IN BIOLOGY

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The references cited on attached forms PTO-1449 are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/100,302, filed 06/19/98 (Attorney Docket No. 016866-002100). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

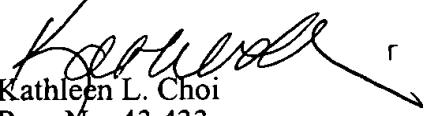
Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No.

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Application No.: Unassigned  
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PATENT

20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

  
Kathleen L. Choi  
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SF 1170668 v1

FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT  
(Use several sheets if necessary)

Attorney Docket No.  
016866-002110Serial No.:  
Unassigned

Applicant: HUTCHENS and YIP

Filing Date:  
Herewith

Group: Unassigned

## Reference Designation

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
AA	5,719,060	02/19/98	Hutchens et al.	436	174	
AB	5,622,824	04/22/97	Hubert Koster	435	6	
AC	5,605,798	02/25/97	Hubert Koster	435	6	
AD	5,599,901	02/04/97	Lawrence M. Kauvar	530	328	
AE	5,587,293	12/24/96	Kauvar et al.	435	7.21	
AF	5,571,698	11/05/96	Ladner et al.	435	69.7	
AG	5,547,835	08/20/96	Hubert Koster	435	6	
AH	5,541,070	07/30/96	Lawrence M. Kauvar	435	7.9	
AI	5,445,934	08/29/95	Fodor et al.	435	6	
AJ	5,356,784	10/18/94	Lawrence M. Kauvar	435	7.9	
AK	5,340,474	08/23/94	Lawrence M. Kauvar	210	198.2	
AL	5,338,659	08/16/94	Lawrence M. Kauvar	435	7.1	
AM	5,223,409	06/29/93	Ladner et al.	435	69.7	
AN	5,133,866	07/28/92	Lawrence M. Kauvar	210	635	
AO	5,118,937	06/02/92	Hillenkamp et al.	250	282	
AP	5,045,694	09/03/91	Beavis et al.	250	287	
AQ	5,010,175	04/23/91	Rutter et al.	435	69.7	
AR	4,963,263	10/16/90	Lawrence M. Kauvar	210	635	

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub-class	Translation (yes/no)
AS	WO 97/10365	03/20/97	WIPO (Lockhart et al.)			
AT	WO 96/40888	12/19/96	WIPO (R.W. Nelson)			
AU	WO 96/37777	11/28/96	WIPO (Nelson et al.)			
AV	WO 95/35505	12/28/95	WIPO (Shalon et al.)			
AW	WO 95/00530	01/05/95	WIPO (Fodor et al.)			
AX	WO 94/28418	12/08/94	WIPO (Hutchens et al.)			
AY	WO 92/18619	10/29/92	WIPO (Kang et al.)			
AZ	WO 91/19818	12/26/91	WIPO (Dower et al.)			
BA	WO 91/18980	12/12/91	WIPO (J.J. Devlin)			
BB	WO 89/10977	11/16/89	WIPO (E. Southern)			

FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT  
(Use several sheets if necessary)

Attorney Docket No.  
016866-002110Serial No.:  
Unassigned

Applicant: HUTCHENS and YIP

Filing Date: Herewith

Group: Unassigned

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<input type="checkbox"/> BC	Dogruel, D. et al. Rapid Tryptic Mapping Using Enzymatically Active Mass Spectrometer Probe Tips. Anal. Chem. 67: 4343-4348 (1995).
<input type="checkbox"/> BD	Krone, J. et al. BIA/MS: Interfacing Biomolecular Interaction Analysis with Mass Spectrometry. Anal. Biochem. 244: 124-132 (1997).
<input type="checkbox"/> BE	Krone, J. et al. Mass Spectrometric Immunoassay, in: Ultrasensitive Biochemical Diagnostics, Cohn G.E. et al. (Eds.), Proc. SPIE, 2680: 415-421 (1996)
<input type="checkbox"/> BF	Nelson, R.W. et al. Mass Spectrometric Immunoassay. Anal. Chem. 67: 1153-1158 (1995).
<input type="checkbox"/> BG	Nelson, R.W. et al. Peptide Characterization Using Bioreactive Mass Spectrometer Probe Tips. Rapid Commun. Mass Spectrom. 9: 1380-1385 (1995)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1449.WP 4/95

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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Attorney Docket No.: 016866-002110US	Application No.: Unassi			
		Applicant: HUTCHENS and YIP				
		Filing Date: Herewith	Group: Unassigned			
Reference Designation		U.S. PATENT DOCUMENTS			Page 1	
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
AA	5,453,199	09/26/95	Afeyan et al.			
AB	5,498,545	03/12/96	Vestal			
AC	4,752,562	06/21/88	Sheiman et al.			
AD	5,118,937	06/02/92	Hillenkamp et al.			
AE	4,126,554	11/21/78	Rainin			
AF	4,313,906	02/02/82	Filipi et al.			
AG	5,135,627	08/04/92	Soane			
AH	5,538,897	07/23/96	Yates, III et al.			
FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
AI	WO 89/03430	04/20/89	PCT (Kauver et al.)			
AJ	GB 2 281 122A	02/22/95	UK (Garman)			
AK	WO 94/28418	12/08/94	PCT (Hutchens et al.)			
AL	WO 94/06920	03/31/94	PCT (Russell et al.)			
AM	WO 97/09068	03/13/97	PCT (Hoffman et al.)			
AN	WO 89/09088	10/05/89	PCT(Kauvar)			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER	DATE CONSIDERED					

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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Attorney Docket No.: 16866-002110US Applicant: HUTCHENS and YIP		Application No.: Unassigned Group: Unassigned	
Reference Designation		U.S. PATENT DOCUMENTS				Page 1
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
CA	5, 288,644	02/22/94	Beavis et al.	436	94	
CB	5,376,249	12/27/94	Afeyan et al.	204	180.1	
<b>FOREIGN PATENT DOCUMENTS</b>						
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
CD	WO 96/36986	11/21/96	PCT (Patterson et al.)	Ho1J 49/04		
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
<b>EXAMINER</b>	<b>DATE CONSIDERED</b>					

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